

**Claim Amendments:**

Please amend claims 1 and 4, without prejudice or disclaimer, as follows:

1. (Currently amended) A purified polynucleotide ~~or fragment thereof derived from a PS190 gene~~, wherein said polynucleotide comprises a sequence ~~is capable of selectively hybridizing to the nucleic acid of said PS190 gene and has at least 50% identity to a sequence selected from the group consisting of SEQUENCE ID NO 1, SEQUENCE ID NO 2, SEQUENCE ID NO 3, SEQUENCE ID NO 4, and fragments of~~ SEQ ID NO: 4 and complements thereof.
2. (Original) The purified polynucleotide of claim 1, wherein said polynucleotide is produced by recombinant techniques.
3. (Original) The purified polynucleotide of claim 1, wherein said polynucleotide is produced by synthetic techniques.
4. (Currently amended) The purified polynucleotide of claim 1, wherein said polynucleotide comprises a sequence encoding at least one PS190 epitope.
- 5-9. (Canceled)

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